

# EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"6,265,450".pn.	US-PGPUB ; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/ 01/ 27 11:47
L2	29	astaxanthin near10 oleoresin	US-PGPUB ; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/ 01/ 27 11:55
L3	3	lucantin near pink	US-PGPUB ; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/ 01/ 27 11:56
L4	67	geach.in.	US-PGPUB ; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/ 01/ 27 14:57
L5	89	astaxanthin near20 (emulsion or emulsified)	US-PGPUB ; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/ 01/ 27 14:57
L6	89	astaxanthin near20 (emulsion or emulsified)	US-PGPUB ; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/ 01/ 27 14:58
L7	1	L6 same micelle	US-PGPUB ; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/ 01/ 27 14:58
L8	354	astaxanthin near5 (ester or esterfied)	US-PGPUB ; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/ 01/ 27 14:58

## EAST Search History (Prior Art)

L9	354	astaxanthin near5 (ester or esterfied)	US-PGPUB ; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/ 01/ 27 14:58
L10	8	L9 near20 (emulsif\$)	US-PGPUB ; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/ 01/ 27 14:58
L11	1	L6 same micelle	US-PGPUB ; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/ 01/ 27 14:58
L12	3	astaxanthin near20 micelle	US-PGPUB ; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/ 01/ 27 14:58
L13	8	L9 near20 (emulsif\$)	US-PGPUB ; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/ 01/ 27 14:59
L14	8	L9 near20 (emulsif\$)	US-PGPUB ; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/ 01/ 27 14:59
L15	3215	astaxanthin	US-PGPUB ; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/ 01/ 27 14:59
L16	556	15.clm.	US-PGPUB ; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/ 01/ 27 15:00

### EAST Search History (Prior Art)

L17	170	16 and (feed or food or fodder).clm.	US-PGPUB ; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/ 01/ 27 15:00
L18	100	17 and (oil or vitamin adj "e" or tocopherol).clm.	US-PGPUB ; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/ 01/ 27 15:00
L19	0	8 same (micell or micelle or liposome)	US-PGPUB ; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/ 01/ 27 15:01
L20	65	8 and (micell or micelle or liposome)	US-PGPUB ; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/ 01/ 27 15:01
L21	22	18 and emulsif\$.clm.	US-PGPUB ; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/ 01/ 27 15:02
L22	41	8.clm.	US-PGPUB ; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/ 01/ 27 15:03
L23	25	22 and (food or feed or fodder).clm.	US-PGPUB ; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/ 01/ 27 15:03

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L24	12	geach.in.	USPAT; UPAD	OR	ON	2010/ 01/ 27 15:04

### EAST Search History (Interference)

L25	0	24 and astaxanthin	USPAT; UPAD	OR	ON	2010/ 01/ 27 15:04
-----	---	--------------------	----------------	----	----	-----------------------